

PEGOLAND® FAST FLEX

ISO 13007 – 1: 2014 C2 FTE S1 EN 12004 : 2007 · ANSI 118.15 TESTED ACCORDING TO STANDARD

DESCRIPTION

Cementitious adhesive made of mixed bonding agents, fast hardening and drying properties, with reduced slippage. Suitable for indoor and outdoor cladding on floors and walls. Once hard, does not contain soluble salts that stain the stones or cause efflorescence to exterior facings. Especially suitable for fixing to façades, large areas of flooring, floors with underfloor heating and whenever a fast turn around time is required. It permits bonding all types of ceramic tiles or elements with similar characteristics.

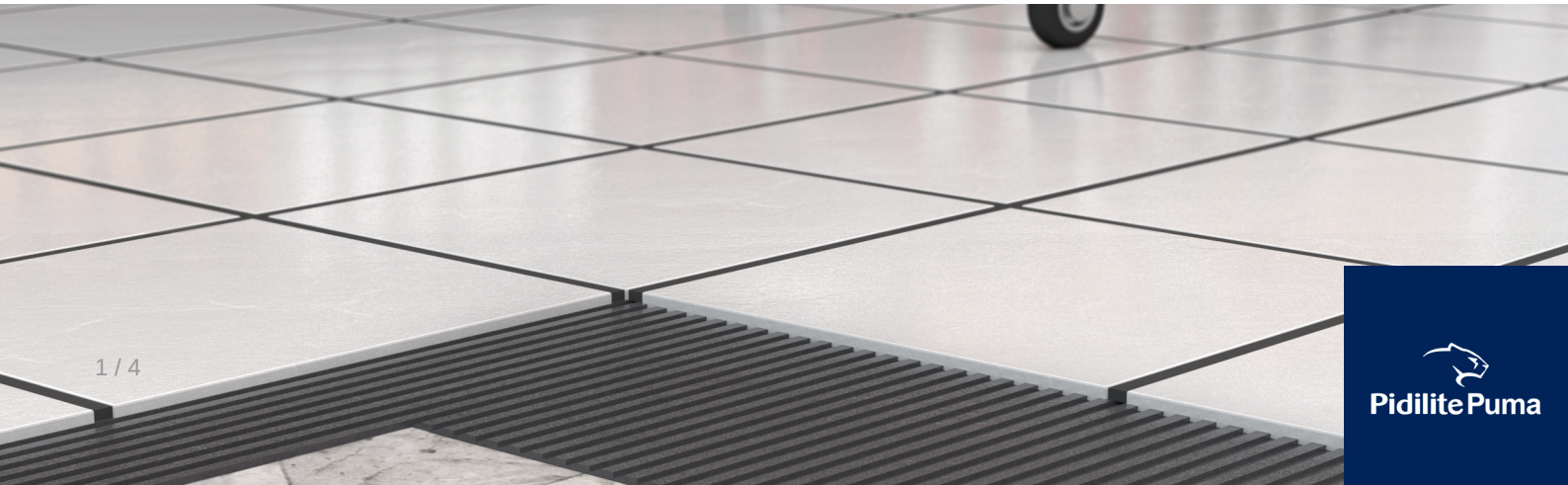
TECHNICAL CHARACTERISTICS

Product comprised of high-performance hydraulic bonding materials, selected aggregates, additives and synthetic resins that provide a high-bonding strength just a few hours after applying. Excellent manageability and resistance to ageing.

ADVANTAGES AND USES

- Reduced slip. Excellent initial adhesion.
- Long open time, allows for the repositioning of tiles.
- Reduces the risk of stains appearing on the stones or surface area.
- Turn around time of just 6 hours after applying.
- For bonding, interior and exterior pavements and coatings. Interior and exterior application, walls.
- For bonding all types of ceramic materials. Especially suitable for exterior fixing of marble, granite and natural stone as it does not contain soluble salts and it is fast drying and hardening.
- Bonding of large surfaces with heavy traffic, floors with underfloor heating systems, cooling chambers and overlays.
- Highly recommended for restoration work where a fast turn around time is required (shopping centres, airports, hospitals, etc.).
- Deformable. Type S1. Complies with standard UNE EN 12002
- Swimming pool coverings. Suitable for immersion.
- Adhesion of insulating materials such as expanded polystyrene (EPS), fiberglass or rock wool, sound absorbing panels, aerated concrete blocks, laminated plasterboards (PYL), etc.

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SUITABLE SUBSTRATES

- Conventional cement based substrates.
- Suitable for fixing to any type of laminated plasterboard.
- On cementitious waterproofing from the MORCEMDRY range
- Substrates must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- Marble, granite, terrazzo, natural stone and all types of ceramics in interior and exterior paving and interior cladding.
- All substrates must have the appropriate flatness. If not, a screed should be made using the same product up to a maximum of 5 mm at least 12 hours prior to bonding. For a larger thickness use:
    - On screeds: PAVILAND SL / SL10R levelling paste.
    - On facings: levelling mortars with appropriate tensile strength and curing retraction already finished.
- Do not apply on gypsum plaster or painted surfaces.
- In case of hot or windy weather conditions or when applying over absorbent substrates, it is advisable to wet the substrate and wait until the thin layer of water disappears.
- On exterior paving the support must have a slope equal to or greater than 1%.

APPLICATION PROCEDURE

- Mix the adhesive with 6.5 - 7.5 litres of clean water per bag. Mix manually or mechanically until a uniform consistency has been obtained, without any lumps.
- Let the mixture stand for 5 minutes and remix.
- Spread the mixed product onto the substrate with a trowel to a maximum surface area of 2 m^2.
- Spread with a notched trowel to adjust the thickness (see chart).
- Only apply to the surface that can be faced within the product's open time in order to allow for weather conditions at that moment. On external walls it is recommendable for the adhesive ridges to be horizontal.
- Place the pieces on the fresh adhesive, pressing and moving them until the grooves are completely flattened and the entire ceramic surface the grooves are flattened and the entire surface of the ceramic tile is correctly adhered. Periodically check the tackiness of the adhesive by lifting a previously laid tile, if a non-transferring film appears on the surface of the tile. the appearance of a film without transfer on the surface of the adhesive or dehydration of the adhesive, remove the material and apply a new product.
- Tile installation by double bonding method in exteriors, for tiles with a side greater than 45 cm, on floors with a thickness of more than 45 cm, on floors with a thickness of more than 45 cm, on floors with a thickness of more than 45 cm. than 45 cm, in commercial or industrial floors, if there is radiant heating, when laying ceramic tiles, if ceramic tiles, if levelling systems are used or if the tiles have a relief such as to hinder good contact with the adhesive. good contact with the adhesive
- Respect the construction joints (expansion, contraction, sealing, corner joints) and placing between bricks (minimum 2 mm inside and 5 mm outside).
- Joints can be sealed after 3 hours. Use the appropriate mortar from the MORCEMCOLOR RANGE, according to joint type.

NOTE: For better results lay bricks as soon as possible after spreading product.

NOTCHED-TROWEL PANEL

Maximum brick weight on vertical faces: 40 kg/m2

BRICK FORMAT	NOTCHED TROWEL	BONDING
< 100 cm^2	U4 (4 x 4 x 4)	Single
≤ 450 cm^2	U6 (6 x 6 x 6)	Single
≤ 900 cm^2	U6 (6 x 6 x 6) / U9 (9 x 9 x 9) or 10	Double - Single
> 900 cm^2	U9 (9 x 9 x 9) or 10	Double

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RECOMMENDATIONS

- Do not apply in conditions below 5ºC nor above 30ºC.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- In extreme weather conditions (strong winds or hot temperatures) drying may occur faster than normal.
- On flooring and facings with a surface area greater than 50 m^2 for interiors, and 30 m^2 for exteriors, or for elongated areas over 15 lineal metres, it is recommended to leave separation or sealing joints filled with a deformable material of Pumalastic range.
- Underfloor heating systems should be switched off at least 48 hours prior to use and should be switched back on again gradually at least 7 days after installing the flooring and pointing operation.
- On floors with radiant heating, apply when the surface is at room temperature (between 5ºC and 30ºC).
- When using on plasterboard, ensure the substrate is fixed well to avoid any movement.
- On interior floorings, it is advisable to keep a free perimeter expansion joint between the floor and the wall or pillar, hidden by a skirting board (of approximately 5 mm). These joints should be sealed with a deformable material (PUMALASTIC RANGE)
- On façades and external cladding, the material should always be fixed with anchors or mechanical fixings, when some of the following conditions apply: format above 2400 cm^2, one side of the largest piece is larger than 60 cm, weight above 40 kg/m^2 or higher than 3 metres.
- For use on cooling chambers, these should remain switched off until the correct adhesive curing has been obtained.
- Swimming pools can be refilled 3 days after applying the adhesive.
- The water-tightness of a swimming pool must be ensured before using the product on it.
- For elements reinforced with fibreglass meshing on the back, please consult our technical department.
- The manageability and setting times of the adhesive can vary according to the temperatures, ventilation, substrate absorbency and covering materials used.
- For gypsum based supports use primer.
- On ceramic floors (overlapping), remove the pieces that are badly adhered and fill the gaps with mortar the day before applying the product. Ensure that the old ceramic is free of grease or wax residues, if necessary proceed to the milling of the glazed surface until the loss of brightness of the old ceramic. In case of doubt to make previous test to establish the suitability of the contributed solution.

PACKAGING AND STORAGE

25 kg plastic-lined paper bags.
Shelf life: up to 12 months in sealed original packaging, sheltered from weather conditions and humidity.

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TECHNICAL DATA

(Results obtained under standard conditions)

Appearance	Grey
Adjustment time:	Approx. 30 mins. (depending on weather conditions)
Paste shelf life:	Approx. 45 mins. (depending on weather conditions)
Commissioning of pedestrian traffic:	6 hours
Commissioning for industrial use:	24 hours
Commissioning of tanks and pools:	3 days
Initial adhesion (at 6 hours):	≥ 0.5 N/mm²
Initial adhesion:	≥ 1.0 N/mm²
Adhesion after water immersion:	≥ 1.0 N/mm²
Adhesion after heat ageing:	≥ 1.0 N/mm²
Adhesion after freeze/thaw cycles:	≥ 1.0 N/mm²
Service temperature	From -30ºC to 90ºC
UNE-EN 12004:2008 Classification	C2FTE
UNE-EN 12002:2009 Classification	S1
Approximate performance	simple gluing: 4 kg/m²
	double gluing: 6 kg/m²

LEGAL DISCLAIMER

The information and instructions in this datasheet are based on our current tests and technical knowledge. They are intended as general guidance and do not constitute a binding commitment by PIDILITEPUMA MEA CHEMICALS LLC. It is the sole responsibility of the user to verify, prior to use, that the product is suitable for the intended application and to ensure that it is applied correctly and in accordance with applicable regulations and good industry practice.

PIDILITEPUMA MEA CHEMICALS LLC cannot control how its products are applied on site throughout the entire project and therefore cannot accept responsibility for their application by contractors or other parties involved in the execution of the work. Support visits to the jobsite by our technical staff do not change that. Our responsibility is limited exclusively to defects that can be directly attributed to the supplied products, whether used individually or as part of a system, caused by manufacturing defects.

It is the responsibility of the project designer, site manager, contractor, or other relevant professionals to ensure that the selected products are appropriate for the specific project, taking into account their properties, the substrate, site conditions, and any existing issues.

In the event of a claim, the original packaging must be provided to ensure proper product traceability.

Any performance values stated for PIDILITEPUMA MEA CHEMICALS LLC products or construction solutions, whether in UNE standards or other applicable standards, are based solely on the specific test conditions defined in those standards (such as substrate type, temperature, and humidity). These values may not apply to situations where products are tested or used under different conditions.

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